a3

times a week or month.

IN THE CLAIMS:

Please cancel Claims 1-~~17~~ 25 and add the following new claims:

1 ~~2618~~. A method for treating a wound comprising the steps of:

providing a transducer having a distal radiation surface arranged a distance from the surface of the wound for emitting ultrasonic energy;

introducing at least one of a liquid and a powder to the distal radiation surface to produce a spray; and

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delivering the emitted ultrasonic energy to the wound through the spray, wherein the ultrasonic energy penetrates the wound tissue to a beneficial depth to provide a bactericidal and a therapeutic effect for decreasing the healing time for the wound.

2 ~~2719~~. The method according to Claim ~~18~~ 1, wherein the transducer operates at a frequency from 18 kHz to 10,000 MHz.

3 ~~2820~~. The method according to Claim ~~18~~ 1, wherein the transducer operates at a frequency from 35 kHz to 45 kHz.

4 ~~2921~~. The method according to Claim ~~18~~ 1, wherein the distal radiation surface is positioned from 0.1 to 20 inches from the surface of the wound.

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~~30~~ ~~22~~. The method according to Claim ~~18~~, wherein the liquid includes one or more components selected from the group consisting of antibiotics, antiseptics, saline solutions, oils, and water.

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~~31~~ ~~23~~. The method according to Claim ~~18~~, wherein the delivering step includes the step of delivering the emitted ultrasonic energy for a predetermined time for achieving the bactericidal and therapeutic effects, and further comprising the step of repeating the treatment method until the wound is healed.

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~~32~~ ~~24~~. The method according to Claim ~~18~~, wherein the transducer is driven by constant or modulated frequency and wherein the driving wave form of the transducer is selected from the group consisting of sinusoidal, rectangular, trapezoidal and triangular wave forms.

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~~33~~ ~~25~~. The method according to Claim ~~18~~, wherein the therapeutic effect is selected from the group consisting of increasing blood flow to the wound, mechanically cleansing the wound, stimulating cell growth, providing at least one medicament to the wound, and penetrating at least one medicament through the surface of the wound.

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~~34~~ ~~26~~. An apparatus for treating a wound comprising:

means for generating ultrasonic energy positioned at a non-contact distance from the surface of the wound; and

means for introducing at least one of a liquid and a powder to at least one propagation

path of the generated ultrasonic energy to produce a spray, wherein the generated ultrasonic energy is delivered to the wound through the spray, and wherein the ultrasonic energy penetrates the wound tissue to a beneficial depth to provide a bactericidal and a therapeutic effect for decreasing the healing time for the wound.

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~~27~~. The apparatus according to Claim ~~26~~, wherein the means for generating ultrasonic energy generates ultrasonic energy having a frequency from 18 kHz to 10,000 MHz.

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~~28~~. The apparatus according to Claim ~~26~~, wherein the means for generating ultrasonic energy generates ultrasonic energy having a frequency from 35 kHz to 45 kHz.

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~~29~~. The apparatus according to Claim ~~26~~, wherein the means for generating ultrasonic energy are configured for being positioned from 0.1 to 20 inches from the surface of the wound.

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~~30~~. The apparatus according to Claim ~~26~~, wherein the liquid includes one or more components selected from the group consisting of antibiotics, antiseptics, saline solutions, oils, and water.

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~~31~~. The apparatus according to Claim ~~26~~, wherein the generated ultrasonic energy is delivered to the wound for a predetermined period of time for achieving the bactericidal and therapeutic effects.

15 A6 32. The apparatus according to Claim 4 34 26, wherein the therapeutic effect is selected from the group consisting of increasing blood flow to the wound, mechanically cleansing the wound, stimulating cell growth, providing at least one medicament to the wound, and penetrating at least one medicament through the surface of the wound.

16 A4 33. A method for treating a wound comprising the steps of:

generating ultrasonic energy at a distance from the surface of the wound, such that the generated ultrasonic energy propagates through a gaseous medium;

introducing at least one of a liquid and a powder in at least one propagation path of the generated ultrasonic energy to produce a spray; and

delivering the generated ultrasonic energy to the wound through the spray, wherein the ultrasonic energy penetrates the wound tissue to a beneficial depth to provide a bactericidal and a therapeutic effect for decreasing the healing time for the wound.

17 A2 34. The method according to Claim 16 A4 33, wherein the generated ultrasonic energy has a frequency from 18 kHz to 10,000 MHz.

18 A3 35. The method according to Claim 16 A4 33, wherein the generated ultrasonic energy has a frequency from 35 kHz to 45 kHz.

19 A4 36. The method according to Claim 16 A4 33, wherein the liquid includes one or more components selected from the group consisting of antibiotics, antiseptics, saline solutions, oils,

20